DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/31/2010

Ginger Hsu
Assistant District Attorney, Suffolk County

Dear ADA Hsu,

Enclosed is the information you requested in regards to Commonwealth vs. ██████████
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Curriculum Vitae for Annie Khan & Kate Corbett.

3. Control Cards with analytical results for samples # ██████████

4. Analysis sheets with chemist's hand notations and test results.

5. GC/Mass Spectral analytical data for samples # ██████

I, Annie Khan (Dookhan) was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us

BostonPolice DEPARTMENT

DRUG RECEIPT

CC # ▮▮▮▮▮▮▮

BOOK # 63

PAGE # 14

DESTRUCTION # _____

District/Unit ___A-1____

Name & Rank of Arresting Officer _P.O. Toomen / Delahanty_ ID# _11186 / 55238_

DEFENDANT'S NAME	ADDRESS	CITY	STATE
▮▮▮▮▮▮▮▮▮	▮▮▮▮▮▮	Roxbury	MA

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY GROSS WEIGHT	ANALYSIS NUMBER
Class A / Heroin	11 Plb	6.31g	▮▮▮▮▮
Class D / Marijuana	2 Plb	28.60g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer _Sybil White_ ID# _11064_

Received by _PLO_   Date _9-9-10_

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

<div align="center">

Curriculum Vitae

</div>

Annie Khan (Dookhan)

Education:
University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:
2003 – present
Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.
*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.
*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
*Maintenance and repairs of all analytical instruments.
*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
* Responsible for the Quality Control/Quality Assurance program for the drug lab.
*Notary Public.
*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003
QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
*Writing, revising and reviewing Standard Operating Procedures (SOPs).
*Routine QC testing of products for the FDA.
*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
*Complete testing of chemicals for Vendor Validation Project for the FDA.
*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:
Dept. of Justice – Forensics Professionals.
GLP/GMP course with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS courses with Agilent Technologies and Restek.
HPLC course with Waters Cooperation.
FTIR course with Spectros.
TOC training with MBL and Sievers.

Association:
American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003
MERRIMACK COLLEGE
Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative
Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

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Employment

Chemist II State Laboratory Institute (March 2008-Present)
Massachusetts Department of Public Health
Drug Analysis Laboratory
- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)
Massachusetts Department of Public Health
Drug Analysis Laboratory
- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)
SENSOR TECHNOLOGIES, INC - Shrewsbury, MA
- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)
MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA
- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No. ███

Date Analyzed: 11/15/10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: ███

Subst: SUB

Amount:

No. Cont: 11   Cont: pb

Date Rec'd: 09/09/2010

Gross Wt.: 6.31

No. Analyzed: 2

Net Weight: 1.73

Tests: 8 ASO
4 CAC

Prelim: Heroin

Findings: Heroin

No. ███

Date Analyzed: 11-11-10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: ███

Subst: VM

Amount:

No. Cont: 2   Cont: pb

Date Rec'd: 09/09/2010

Gross Wt.: 28.60

No. Analyzed: 1

Net Weight:

Tests: 3 ASO
mno⊕ mcu4o⊕
Duq4⊕

Prelim:

Findings: marijuana

GC(MSA
HIIIIIIO·S

CROSS cut 2pbs = 24.3
mass wt/po = 9.8

DRUG POWDER ANALYSIS FORM

SAMPLE # █████████ AGENCY Boston ANALYST ASD

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION:

Beige powdered substance
in 11 pw

doublebagged

Gross Wt (11): 4-3698
Gross Wt (2): 0.6856
Pkg. Wt: _____
Net Wt: _____

PRELIMINARY TESTS
Spot Tests

Cobalt
2 Thiocyanate (+)

2 Marquis +

2 Froehde's ±

2 Mecke's +

Microcrystalline Tests

Gold
Chloride _____

TLTA ( )

OTHER TESTS

_____

_____

_____

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 11-10-10

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR KAC

DATE 11-15-10

Revised 7/2005

Sample #: _____

samples tested: _____

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.3226	0.2209	0.1017	26			
2	0.3646	0.2594	0.1052	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations: Net wt

est Net wt = 0.2069 /2 = 0.1034 (11)

~ 1.1374,

Information from Data File:
File Name   : D:\System8\11_11_10\754205.D
Operator   : ASD/KAC
Date Acquired : 11 Nov 2010   7:53
Sample Name   : BLANK
Submitted by   :
Vial Number   :   1
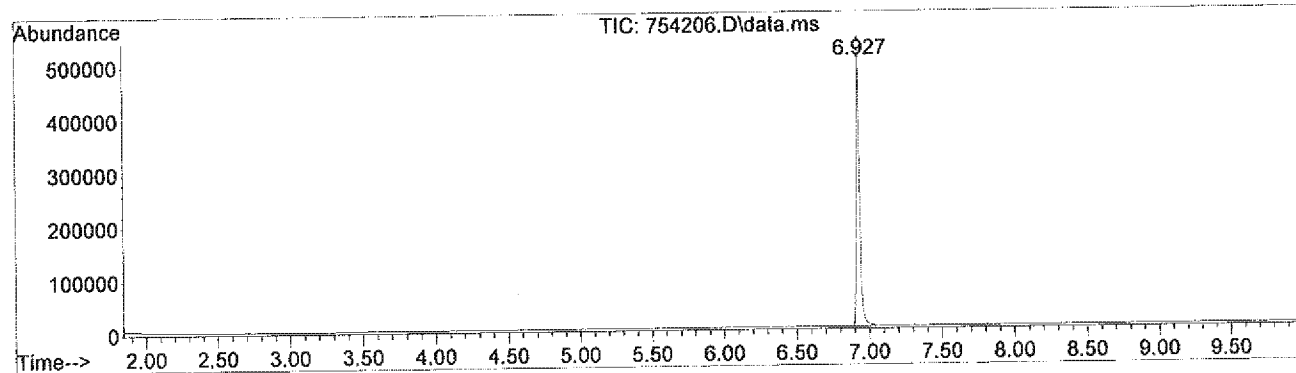AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %
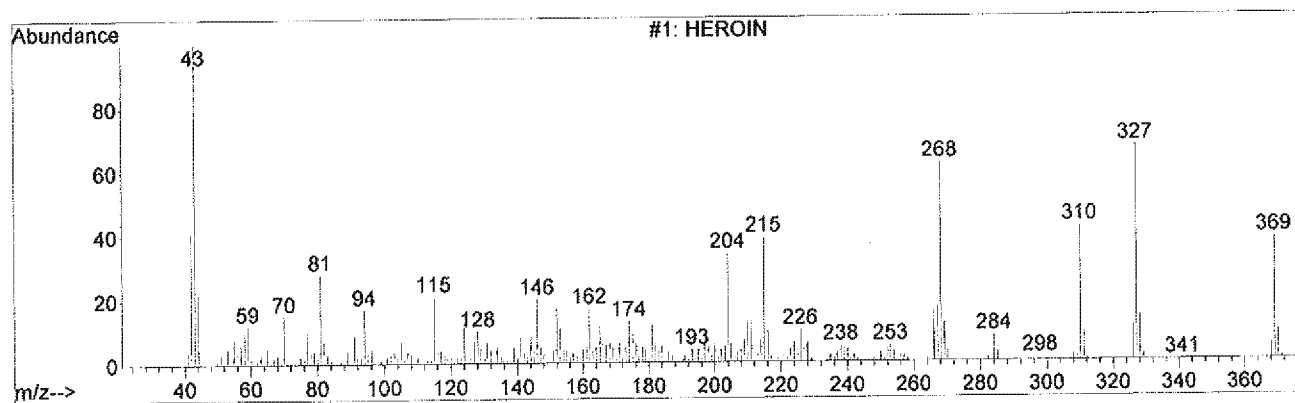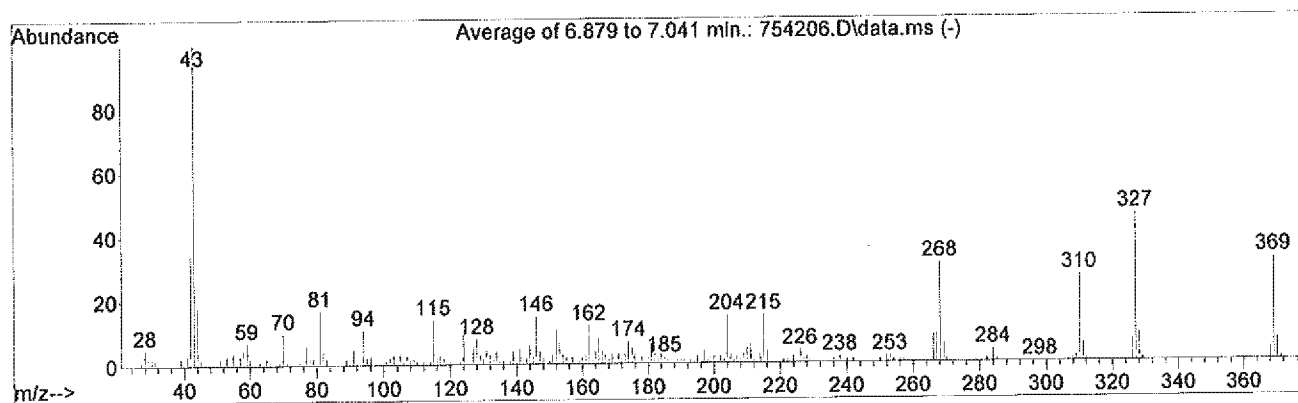
NO INTEGRATED PEAKS

Area Percent / Library Search Report

```
Information from Data File:
File Name        : D:\System8\11_11_10\754206.D
Operator         : ASD/KAC
Date Acquired    : 11 Nov 2010    8:06
Sample Name      : HEROIN STD
Submitted by     :
Vial Number      :    6
AcquisitionMeth: DRUGS.M
Integrator       : RTE
```
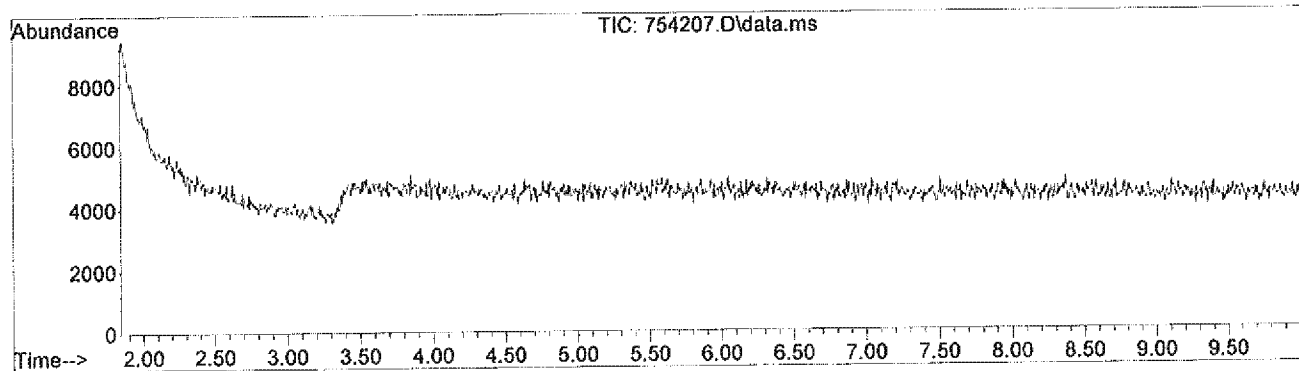

Ret. Time	Area	Area %	Ratio %
6.927	800069	100.00	100.00

Information from Data File:
File Name   : D:\System8\11_11_10\754206.D
Operator   : ASD/KAC
Date Acquired : 11 Nov 2010   8:06
Sample Name   : HEROIN STD
Submitted by   :
Vial Number   :   6
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.93	C:\Database\SLI.L HEROIN	000561-27-3	99

Average of 6.879 to 7.041 min.: 754206.D\data.ms (-)

#1: HEROIN

754206.D   Wed Dec 29 11:15:08 2010   Page   2

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\System8\11_11_10\754207.D
Operator   : ASD/KAC
Date Acquired : 11 Nov 2010   8:19
Sample Name   : BLANK
Submitted by : ASD
Vial Number   :   1
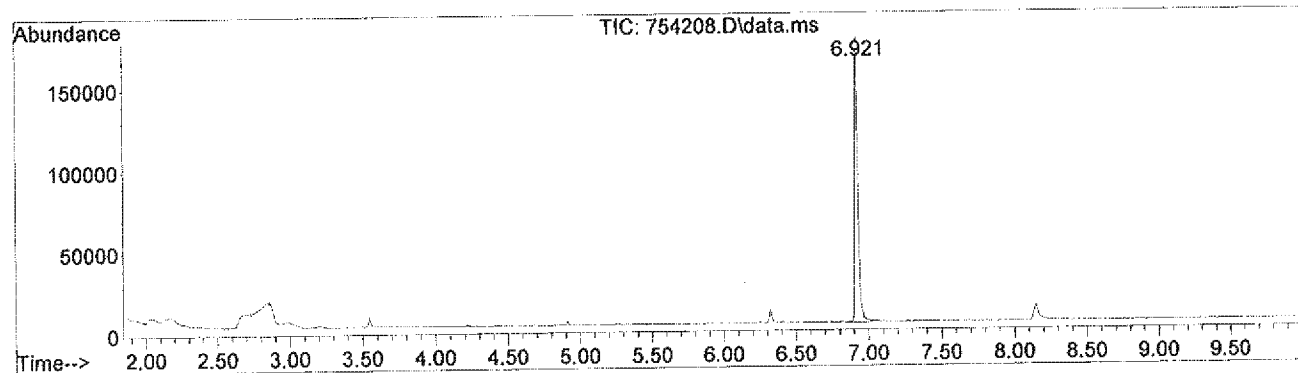AcquisitionMeth: DRUGS.M
Integrator   : RTE

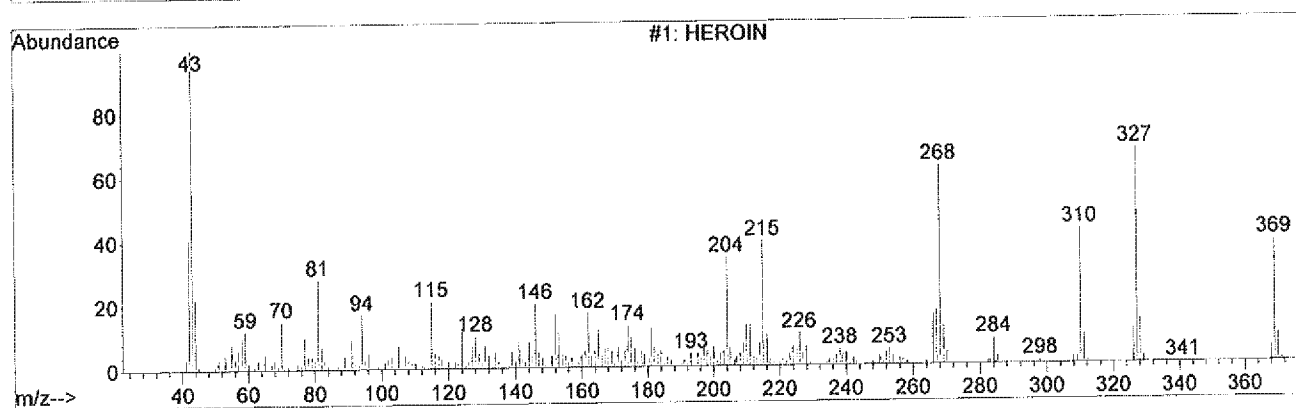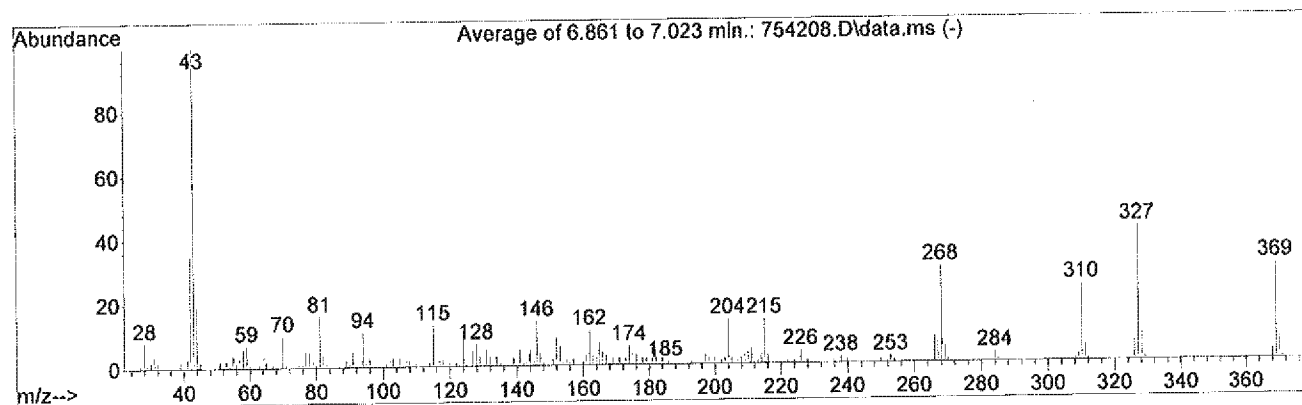| Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
```
File Name        : D:\System8\11_11_10\754208.D
Operator         : ASD/KAC
Date Acquired    : 11 Nov 2010    8:32
Sample Name      : ██████████
Submitted by     : ASD
Vial Number      :    8
AcquisitionMeth: DRUGS.M
Integrator       : RTE
```


Ret. Time	Area	Area %	Ratio %
6.921	265151	100.00	100.00

754208.D   Wed Dec 29 11:15:16 2010   Page   1

Information from Data File:
File Name   : D:\System8\11_11_10\754208.D
Operator   : ASD/KAC
Date Acquired : 11 Nov 2010   8:32
Sample Name   : ████████████
Submitted by   : ASD
Vial Number   : 8
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
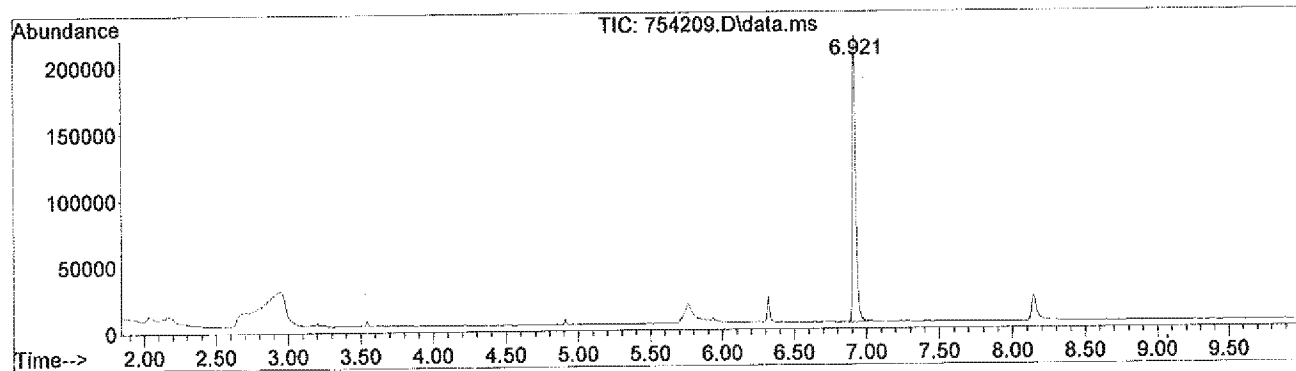   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.92	C:\Database\SLI.L HEROIN	000561-27-3	99

Average of 6.861 to 7.023 min.: 754208.D\data.ms (-)

#1: HEROIN

Area Percent / Library Search Report

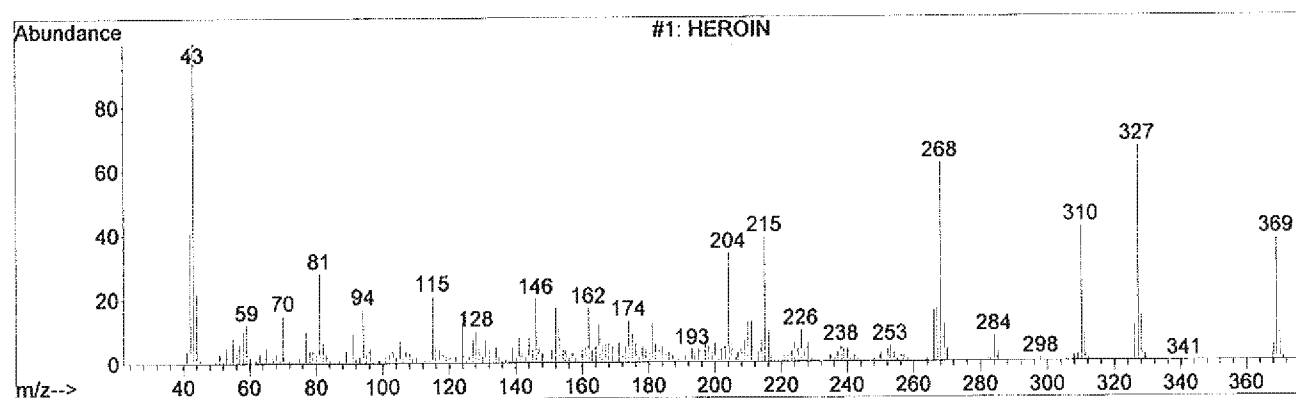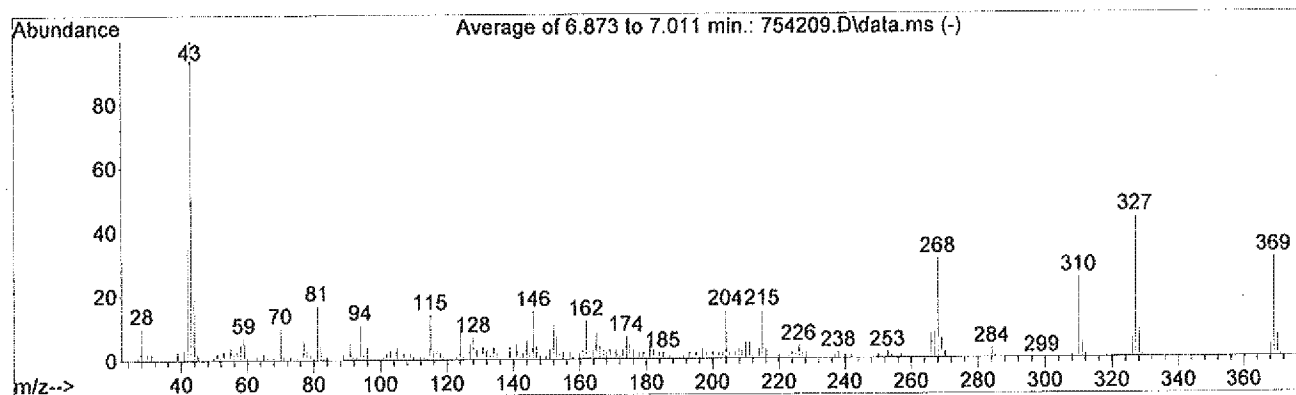| Ret. Time	Area	Area %	Ratio %
6.921	338153	100.00	100.00

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\System8\11_11_10\754209.D
Operator   : ASD/KAC
Date Acquired : 11 Nov 2010   8:45
Sample Name   : ████████
Submitted by   : ASD
Vial Number   : 9
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.92	C:\Database\SLI.L HEROIN	000561-27-3	99

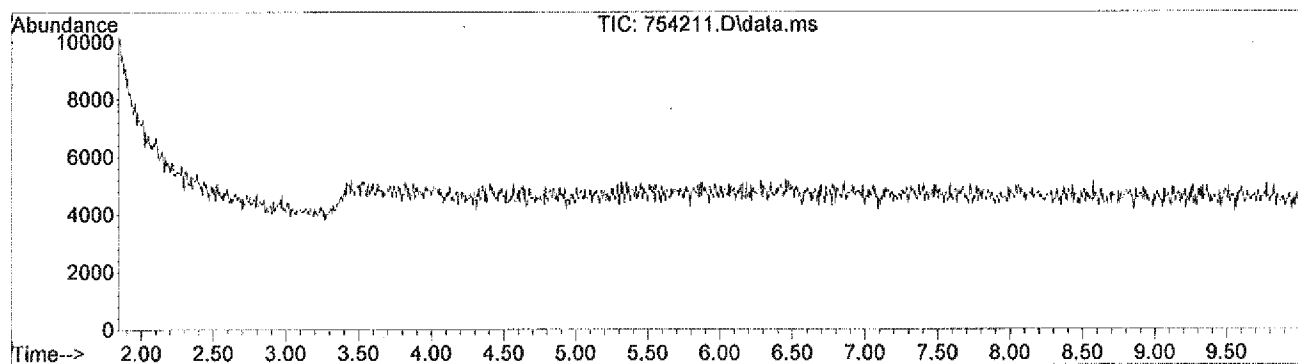Average of 6.873 to 7.011 min.: 754209.D\data.ms (-)

#1: HEROIN

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\System8\11_11_10\754211.D
Operator   : ASD/KAC
Date Acquired   : 11 Nov 2010   9:11
Sample Name   : BLANK
Submitted by   : ASD
Vial Number   : 1
AcquisitionMeth: DRUGS.M
Integrator   : RTE
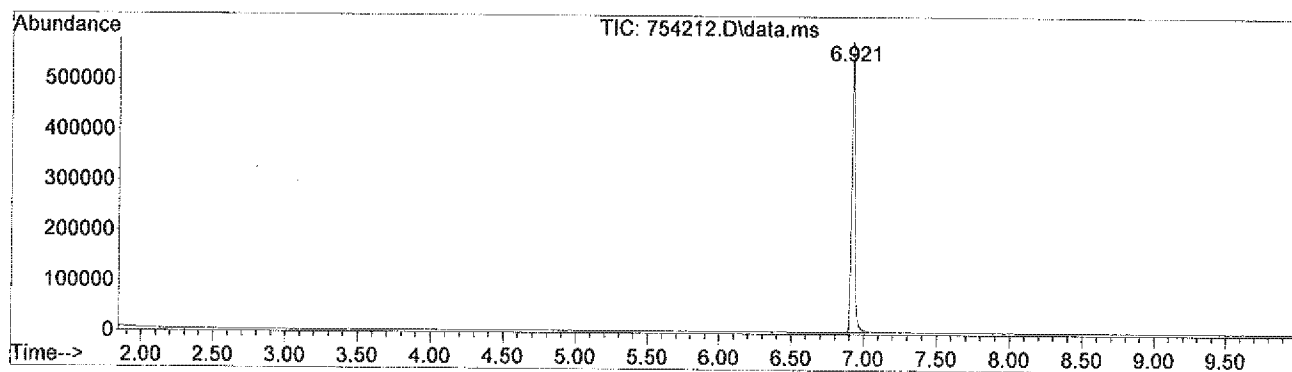

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\System8\11_11_10\754212.D
Operator   : ASD/KAC
Date Acquired : 11 Nov 2010   9:24
Sample Name   : HEROIN STD
Submitted by   : ASD
Vial Number   : 6
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
6.921	892370	100.00	100.00

754212.D   Wed Dec 29 11:15:35 2010   Page 1

Information from Data File:
File Name   : D:\System8\11_11_10\754212.D
Operator   : ASD/KAC
Date Acquired   : 11 Nov 2010   9:24
Sample Name   : HEROIN STD
Submitted by   : ASD
Vial Number   :   6
AcquisitionMeth : DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual

No Hits Found

Average of 6.873 to 7.035 min.: 754212.D\data.ms (-)